

**In the Abstract**

(Currently Amended) The present invention concerns a disc brake comprising a caliper (1), a brake disc (6) and one or more brake pads (9) received in a pad holder (8). The brake disc (6) and pad holder (8) are axially moveable in relation to the caliper (1). The brake disc (6) is coated with a brake lining material (7) on one side. On the other side of the brake disc (6) there is no brake lining (7). The caliper (1) is designed having cooling flanges (2) extending over a part of the brake lining (7) of the caliper (1).

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
16 January 2003 (16.01.2003)

PCT

(10) International Publication Number  
**WO 03/004897 A1**

(51) International Patent Classification<sup>7</sup>: **F16D 65/12**,  
69/04, 65/847

Joakim [SE/SE]; O.D. Krooks Gata 39, S-254 43 Helsingborg (SE). **BORG, Tony** [SE/SE]; Torsgatan 3, S-261 62 Glumslöv (SE).

(21) International Application Number: PCT/SE02/01296

(74) Agent: **STRÖM & GULLIKSSON IPC AB**; P.O. Box 4188, S-203 13 Malmö (SE).

(22) International Filing Date: 1 July 2002 (01.07.2002)

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(30) Priority Data:

0102348-0 2 July 2001 (02.07.2001) SE

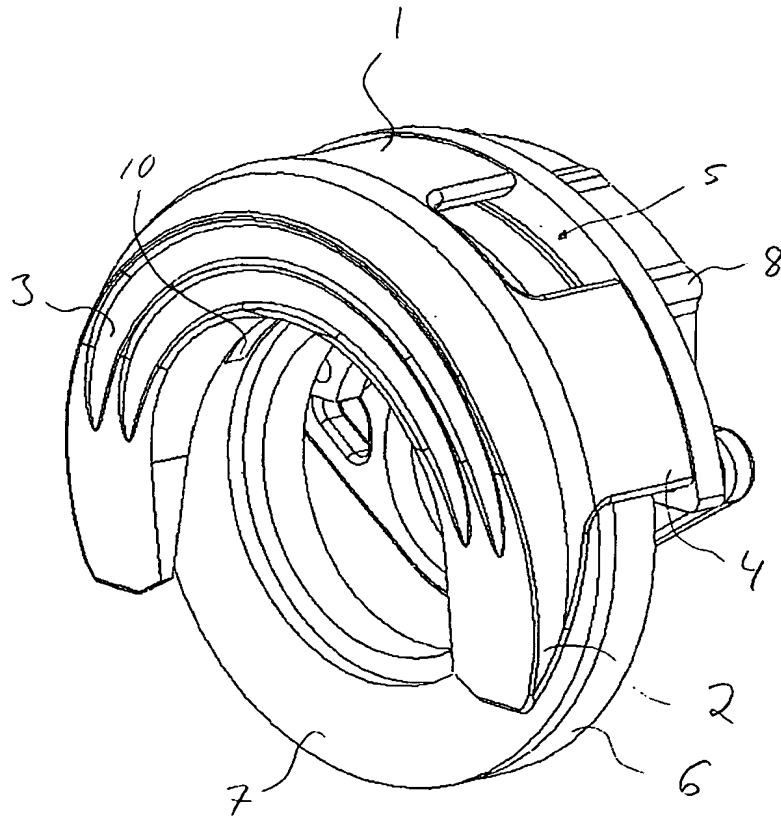
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GRIPEMARK**,

*[Continued on next page]*

(54) Title: DISC BRAKE



(57) Abstract: The present invention concerns a disc brake comprising a caliper (1), a brake disc (6) and one or more brake pads (9) received in a pad holder (8). The brake disc (6) and pad holder (8) are axially moveable in relation to the caliper (1). The brake disc (6) is coated with a brake lining material (7) on one side. On the other side of the brake disc (6) there is no brake lining (7). The caliper (1) is designed having cooling flanges (2) extending over a part of the brake lining (7) of the caliper (1).

WO 03/004897 A1